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Substitute for form 1449A/PTO

Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/63,220
Filing Date	7/30/03
First Named Inventor	Richard T. Howard
Art Unit	2853
Examiner Name	Ryan Lepisto
Attorney Docket Number	MFS-31843-1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
✓		US- 6,072,631	06/06/2000	Guenther et al.	
✓		US- 6,294,665	05/28/2002	Hayashi	
✓		US- 6,313,948	11/06/2001	Hanna	
✓		US- 6,157,756	12/05/2000	Ishiwata	
✓		US- 6,025,938	02/15/2000	Kathman et al.	
✓		US- 5,859,945	01/12/1999	Kato et al.	
✓		US- 5,148,317	09/15/1992	Foresi	
✓		US- 5,113,286	05/12/1992	Morrison	
✓		US- 5,581,683	12/03/1996	Bertignoll et al.	
✓		US- 4,733,937	03/29/1988	Lia et al.	
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 Date 7-30-03 Signature R. T. Howard
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Examiner
SignatureRyan LepistoDate
Considered4/3/06

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PTO/SB/08a (08-09)

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Sheet 1 of 1

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Application Number	10/631 220
Filing Date	07/30/2003
First Named Inventor	Richard T. Howard
Art Unit	2883
Examiner Name	Kalivoda, Christopher M.
Attorney Docket Number	MFS-31843-1

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	US-	5,581,683	12/03/1996	Bertignoll, et al.	
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Examiner Initials*	Cite No.	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

Examiner Signature	<i>Ryan J. [Signature]</i>	Date Considered	4/3/06
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known Application Number 10/831,220 Filing Date 07/30/2003 First Named Inventor Richard T. Howard Art Unit 2883 Examiner Name Kalivoda, Christopher M. Ryan Lepist Attorney Docket Number MFS-31843-1	
Sheet	1	of	1		

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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